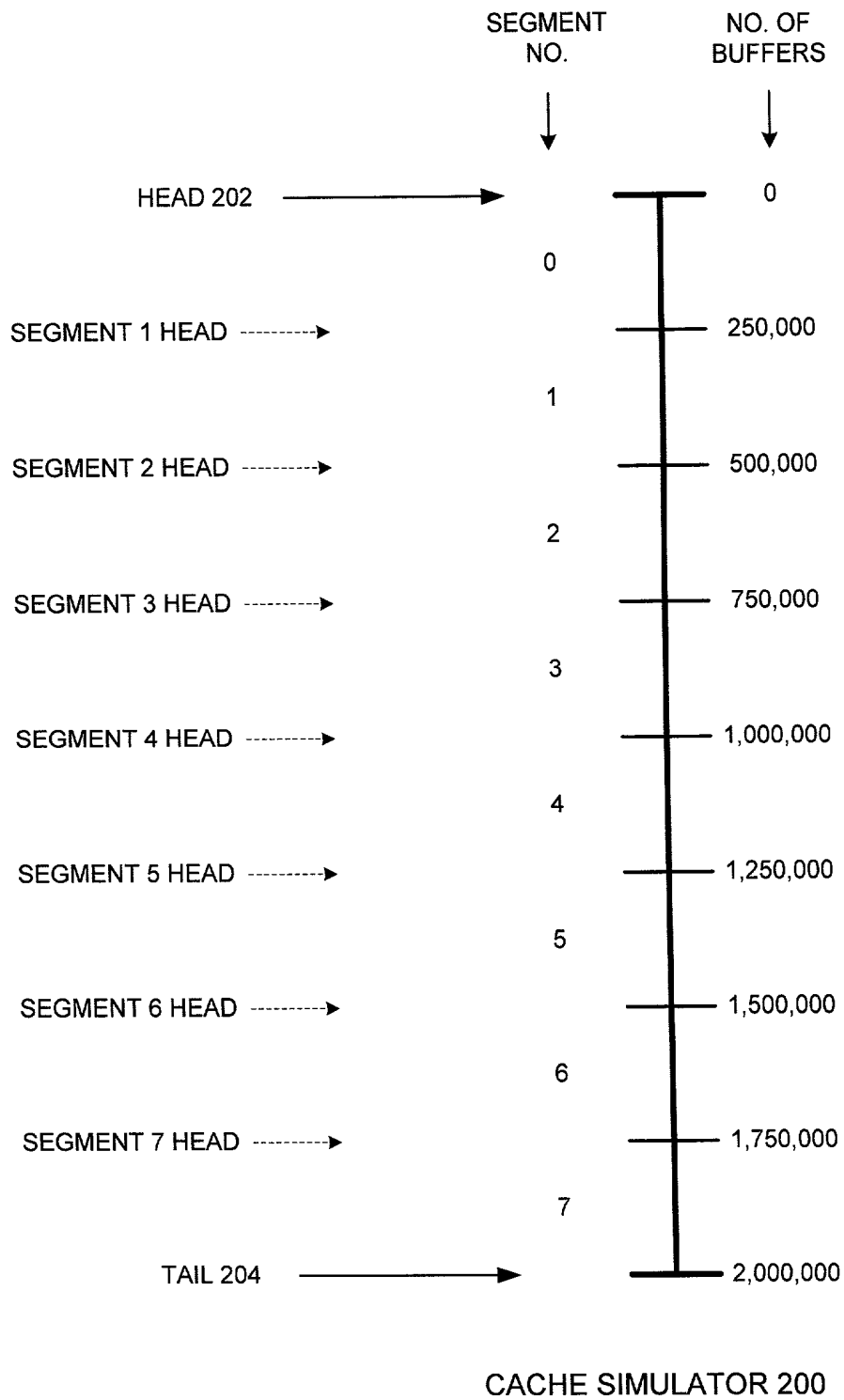


FIG. 1



**FIG. 2**

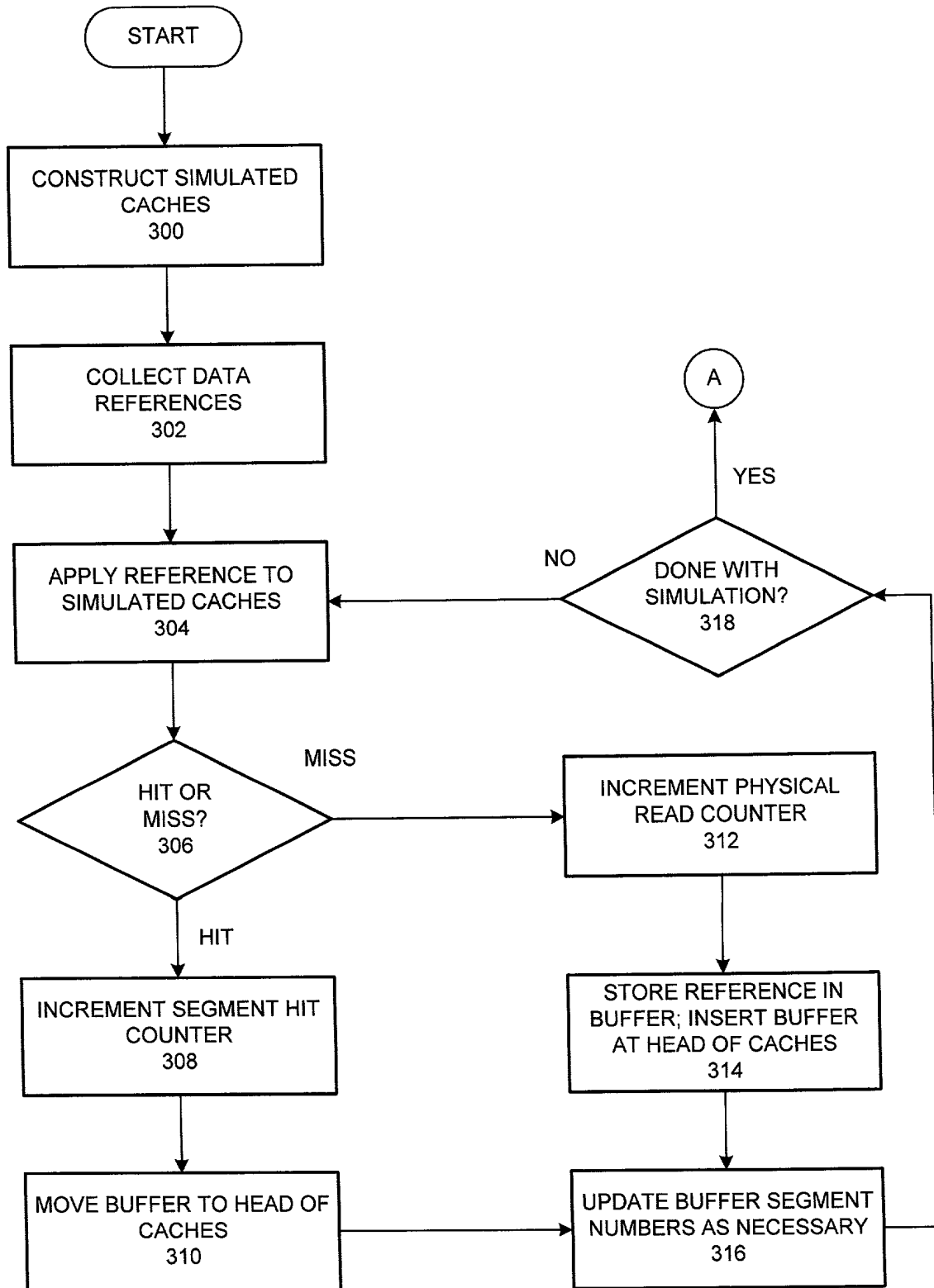
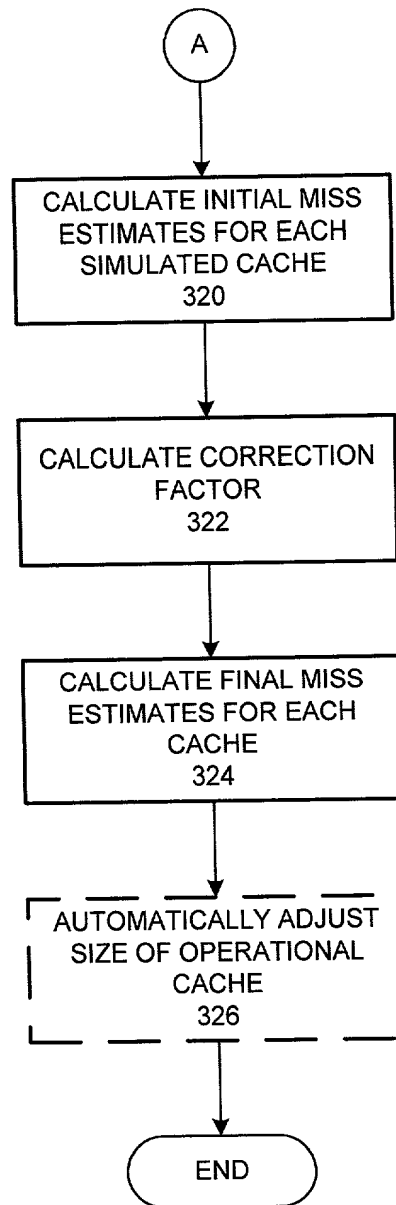


FIG. 3A



**FIG. 3B**



FIG. 4B is a diagram illustrating a sequence of operations on a linked list structure. The diagram shows a sequence of five linked lists, each with a 'Head' pointer and a 'Tail' pointer. The nodes in the lists are labeled with letters A through J. The sequence of operations is indicated by dashed arrows labeled F, H, J, and C. The first linked list (initial state) has nodes J, A, C, G, B, D, E, F. The second linked list (after operation F) has nodes F, J, A, C, G, B, D, E. The third linked list (after operation H) has nodes H, F, J, A, C, G, B, D. The fourth linked list (after operation J) has nodes J, H, F, A, C, G, B, D. The fifth linked list (after operation C) has nodes C, J, H, F, A, G, B, D. Each linked list also includes a table of statistics: Hits[0] through Hits[3] and Misses. The statistics for each linked list are: Initial: Hits[0]=1, Hits[1]=2, Hits[2]=0, Hits[3]=1, Misses=1; After F: Hits[0]=1, Hits[1]=2, Hits[2]=0, Hits[3]=1, Misses=1; After H: Hits[0]=1, Hits[1]=2, Hits[2]=0, Hits[3]=2, Misses=1; After J: Hits[0]=1, Hits[1]=2, Hits[2]=0, Hits[3]=2, Misses=2; After C: Hits[0]=1, Hits[1]=3, Hits[2]=1, Hits[3]=2, Misses=2.

REFERENCE  
STREAM:

F

H

J

C

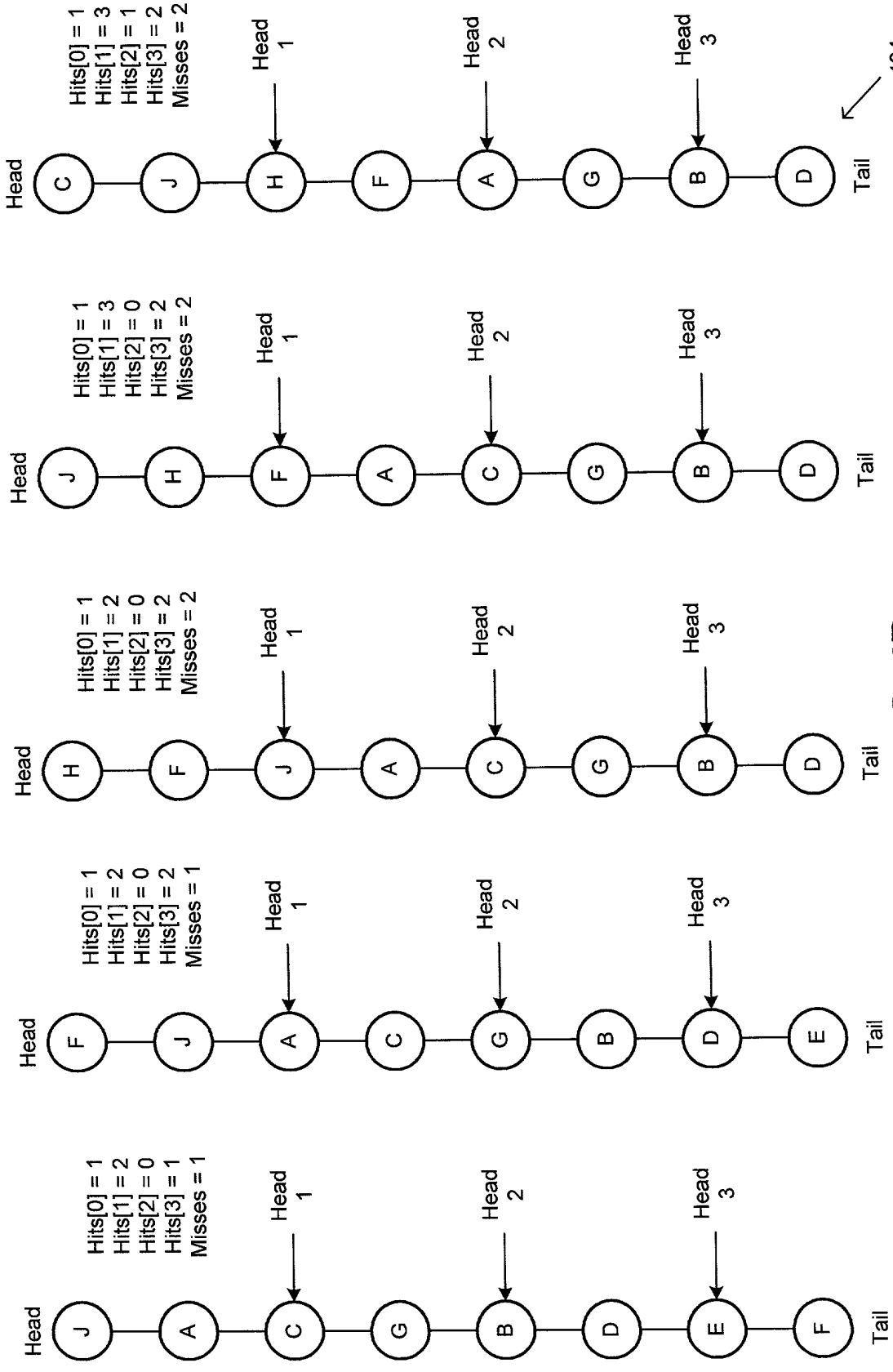


FIG. 4B